

08/495,591



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/495,591	11/03/95	JO	039153

26M2/0916  
SUGHRUE MION ZINN MACPEAK & SEAS  
2100 PENNSYLVANIA AVENUE NW  
WASHINGTON DC 20037

EXAMINER

TADAYON, B

ART UNIT PAPER NUMBER

2616

09/15/97

DATE MAILED:

NOTICE OF ALLOWABILITY

PART I.

1. ☒ This communication is responsive to AMENDMENT RECEIVED 9-2-97
2. ☒ All the claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice Of Allowance And Issue Fee Due or other appropriate communication will be sent in due course.
3. ☒ The allowed claims are 1, 3-8 (NOW RENUMBERED AS 1-7, RESPECTIVELY)
4. ☐ The drawings filed on \_\_\_\_\_ are acceptable.
5. ☒ Acknowledgment is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received, ☐ not been received. ☒ been filed in parent application Serial No. PCT/KR94/00177 filed on 12-16-94
6. ☐ Note the attached Examiner's Amendment.
7. ☒ Note the attached Examiner Interview Summary Record, PTOL-413.
8. ☐ Note the attached Examiner's Statement of Reasons for Allowance.
9. ☐ Note the attached NOTICE OF REFERENCES CITED, PTO-892.
10. ☐ Note the attached INFORMATION DISCLOSURE CITATION, PTO-1449.

PART II.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" indicated on this form. Failure to timely comply will result in the ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

1. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
2. ☒ APPLICANT MUST MAKE THE DRAWING CHANGES INDICATED BELOW IN THE MANNER SET FORTH ON THE REVERSE SIDE OF THIS PAPER.
- a. ☒ Drawing informalities are indicated on the NOTICE RE PATENT DRAWINGS, PTO-948, attached hereto or to Paper No. 6. CORRECTION IS REQUIRED.
- b. ☒ The proposed drawing correction filed on 24 JUL 97 has been approved by the examiner. CORRECTION IS REQUIRED.
- c. ☐ Approved drawing corrections are described by the examiner in the attached EXAMINER'S AMENDMENT. CORRECTION IS REQUIRED.
- d. ☒ Formal drawings are now REQUIRED.

Any response to this letter should include in the upper right hand corner, the following information from the NOTICE OF ALLOWANCE AND ISSUE FEE DUE: ISSUE BATCH NUMBER, DATE OF THE NOTICE OF ALLOWANCE, AND SERIAL NUMBER.

Attachments:

- Examiner's Amendment
- ☒ Examiner Interview Summary Record, PTOL-413
- Reasons for Allowance
- Notice of References Cited, PTO-892
- Information Disclosure Citation, PTO-1449

- Notice of Informal Application, PTO-152
- Notice re Patent Drawings, PTO-948
- Listing of Bonded Draftsmen
- Other

LEO BOUDREAU  
SUPERVISORY PATENT EXAMINER  
GROUP 2300



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: Box ISSUE FEE  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

26M2 0916  
EUGENE M. ZINN, MACPHERSON & ASSOC.  
2100 PENNSYLVANIA AVENUE NW  
WASHINGTON DC 20037

**NOTICE OF ALLOWANCE  
AND ISSUE FEE DUE**

- ☐ Note attached communication from the Examiner  
☐ This notice is issued in view of applicant's communication filed \_\_\_\_\_

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
082-295,159	11-03-95	007	EDWARDS, R	09/16/97
First Named Applicant	EUGENE M. ZINN			

TITLE OF INVENTION: ADAPTIVE VARIABLE-LENGTH CODING AND DECODING METHODS FOR IMAGE DATA

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
082-295,159	362-246,000	R73	UTILITY	NO	\$1,700.00	11-16-97

**THE APPLICATION IDENTIFIES ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

- I. Review the SMALL ENTITY Status shown above.  
If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:
  - A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the patent and Trademark Office of the change in status, or
  - B. If the Status is the same, pay the FEE DUE shown above.
- II. Part B of this notice should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B should be completed and returned. If you are charging the ISSUE FEE to your deposit account, Part C of this notice should also be completed and returned.
- III. All communications regarding this application must give series code (or filing date), serial number and batch number. Please direct all communication prior to issuance to Box ISSUE FEE unless advised to contrary.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, pay of 1/2 the FEE DUE shown above.

**IMPORTANT REMINDER: Patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

# **PART B—ISSUE FEE TRANSMITTAL**

**MAILING INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE. Blocks 2 through 6 should be completed where appropriate. All further correspondence including the Issue Fee Receipt, the Patent, advance orders and notification of maintenance fees will be mailed to addressee entered in Block 1 unless you direct otherwise, by: (a) specifying a new correspondence address in Block 3 below; or (b) providing the PTO with a separate "FEE ADDRESS" for maintenance fee notifications with the payment of Issue Fee or thereafter. **See reverse for Certificate of Mailing.**

<b>1. CORRESPONDENCE ADDRESS</b>  <div style="text-align: right; margin-bottom: 10px;">26M2/0916</div> SUGHRUE MION ZINN MACPEAK & SEAS 2100 PENNSYLVANIA AVENUE NW WASHINGTON DC 20037		<b>2. INVENTOR(S) ADDRESS CHANGE</b> (Complete only if there is a change) <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="3">INVENTOR'S NAME</td></tr> <tr><td colspan="3">Street Address</td></tr> <tr><td colspan="3">City, State and ZIP Code</td></tr> <tr><td colspan="3">CO-INVENTOR'S NAME</td></tr> <tr><td colspan="3">Street Address</td></tr> <tr><td colspan="3">City, State and ZIP Code</td></tr> <tr><td colspan="3"><input type="checkbox"/> Check if additional changes are on reverse side</td></tr> </table>			INVENTOR'S NAME			Street Address			City, State and ZIP Code			CO-INVENTOR'S NAME			Street Address			City, State and ZIP Code			<input type="checkbox"/> Check if additional changes are on reverse side		
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Street Address																									
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<input type="checkbox"/> Check if additional changes are on reverse side																									

SERIES CODE/SERIAL NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
08/495,591	11/03/95	007	TADAYON, B	2616 09/16/97

First Named Applicant	JAE-MOON
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**TITLE OF INVENTION**      ADAPTIVE VARIABLE-LENGTH CODING AND DECODING METHODS FOR IMAGE DATA

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 039153	382-246.000	R73	UTILITY	NO	\$1290.00	12/16/97

<b>3. Correspondence address change</b> (Complete only if there is a change)	<b>4. For printing on the patent front page</b> , list the names of not more than 3 registered patent attorneys or agents OR, alternatively, the name of a firm having as a member a registered attorney or agent. If no name is listed, no name will be printed.  <div style="text-align: right;">                 Sughrue, Mion, Zinn,                  Macpeak &amp; Seas, PLLC             </div>
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**DO NOT USE THIS SPACE**

<b>5. ASSIGNMENT DATA TO BE PRINTED ON THE PATENT</b> (print or type)		A check for the issue fee payment is attached. Please charge any payment deficiency and credit any overpayment to PODA 19-4880.	
(1) NAME OF ASSIGNEE:	SAMSUNG ELECTRONICS CO., LTD.	6a. TI	
(2) ADDRESS: (CITY & STATE OR COUNTRY)	IKYUNGKI-DO, KOREA	6b. TI	
A. <input type="checkbox"/> This application is NOT assigned. XXX Assignment previously submitted to the Patent and Trademark Office. <input type="checkbox"/> Assignment is being submitted under separate cover. Assignments should be directed to Box ASSIGNMENTS. <b>PLEASE NOTE:</b> Unless an assignee is identified in Block 5, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.		DI	
		(E)	
		<input type="checkbox"/> Any Deficiencies in Enclosed Fees	
		The COMMISSIONER OF PATENTS AND TRADEMARKS is requested to apply the Issue Fee to the application identified above. (Authorized Signature) <i>Darryl Mexic</i> (Date) 12/12/97 Darryl Mexic Reg. 23,063	
		NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.	

**1. TRANSMIT THIS FORM WITH FEE-CERTIFICATE OF MAILING ON REVERSE**